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REMARKS

Before this response, claims 57-61 were pending in the application. Applicants have cancelled claims 58 and amended claims 57, 59 and 61. Claims 57 and 59-61 are now pending. Applicants have amended FIG. 6 to correct a typographical error and have attached a substitute drawing sheet including the corrected FIG. 6. It appears that the replacement sheet was inadvertently omitted in applicant's last response.

In the office action dated June 7, 2005, the Examiner objected to the drawings under 37 CFR 1.83(a) because they failed to show "a microprocessor" and "a bypassing circuit." Applicants have amended claims 57 and 61 to remove "microprocessor". Applicants have amended claim 57 to replace "microprocessor" with "computer" which is shown in FIG. 5 and identified with reference number 56. Claim 61 has been amended to replace "bypassing circuit" with "transistor" which is shown in FIG. 5 and identified with reference number 66. The examiner also objected to the drawings because "pull-up resistor" was not shown. Applicants have amended the claims to replace "pull up resistor" with —resistor—. Accordingly, applicants respectfully submit that the objections to the drawings have been overcome.

The Examiner objected to claim 58 and stated that claim 58 would be allowable if rewritten in independent form. Applicants have amended claim 57 to include the limitation of claim 58 and to correct informalities. Accordingly, applicants respectfully submit that claim 57 as amended is allowable.

Claims 59-61 depend from claim 57 and therefore are at least allowable as depending from an allowable base claim.

Respectfully submitted,

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Conclusion

In light of the foregoing, the Examiner's reconsideration of this application with a view toward allowance is respectfully requested.

The Examiner is invited to call the undersigned agent if a telephone call could help solve any remaining items.

The Commissioner is hereby authorized to charge any additional fees that may be required, or credit any overpayment, to Deposit Account No. 17-0026.

Dated: 7/20/05

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